

# WINDOWS-BASED FLOWCHARTING AND CODE GENERATION SYSTEM

## ABSTRACT OF THE DISCLOSURE

5           A machine control system (130) includes a computer (132) that generates, edits  
and displays a continuous multi-block flowchart representing a program and compiles  
the program from the flowchart to control the operations of a machine (140). The  
system (130) also includes a debugger (146) for displaying the flowchart in a  
debugger window (170) for runtime execution control of the program.

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25           **PRELIMINARY CLASSIFICATION: xxx/xxx**